

Notice of Allowability

Application No.

10/075,724

Examiner

Brenda Pham

Applicant(s)

HAWKINS ET AL.

Art Unit

2664

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 02/12/02.
2. ☒ The allowed claim(s) is/are 1-3,7,9-13,15,18-20 and 22-26, renumbering as 1-3,6-7,4,8-9,5,10-12,17-18,13-16, respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Brenda A. Pham

1/17/06

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Paul A. Mendonsa, Reg. No. 42,879 on January 11, 2006.

2. The application has been amended as follows:

Claims 4-6, 8, 14, 16-17, 21 and 27-29 are canceled.

Claim 1 is deleted in entirety and is replaced it with the following:

"A method comprising:

receiving a datagram through a platform management communication channel;

and

analyzing at least a subset of the received datagram for information necessary to identify routing information of the received content by identifying a source address within the routing information, and selecting a destination address from a plurality of possible destination addresses based , at least in part, on the identified source address, wherein the source address is a physical address privately correlated with a virtual address of a control element sending the received datagram."

Claim 7 is deleted in entirety and is replaced it with the following:

“A method comprising:

receiving a datagram through a platform management communication channel;

analyzing at least a subset of the received datagram for information necessary to identify routing information of the received content by identifying a destination address within the received datagram and determining whether the identified destination address corresponds to a physical address in a host platform management architecture; and forwarding the datagram to the destination address denoted within the received datagram if it is determined to be a physical address within the host platform management architecture;

resolving a physical address from a virtual address denoted by the destination address in the received datagram if the destination address is found to not be a physical address.”

Claim 9, “A method according to claim 8” is amended to “A method according to claim 7”.

Claim 11, “A method according to claim 1” is amended to “A method according to claim 7”.

Claim 15 is deleted in entirety and is replaced it with the following:

“An apparatus comprising:

a management data structure including content; and

control logic, coupled with the management data structure, to compare routing information in a received platform management (PM) datagram with the content in the management data structure to identify one or more platform management target element(s) for the received datagram; and

a switching engine, responsive to the control logic, to selectively couple any of a plurality of PM elements through a plurality of PM communication channels, wherein the switching engine selectively couples the plurality of PM communication channel to the control logic, to facilitate routing of datagrams among and between the PM elements.”

Claim 18, “An apparatus according to claim 17” is amended to “An apparatus according to claim 15”.

Claim 20 is deleted in entirety and is replaced it with the following:

“An apparatus comprising:

a management data structure including content; and

control logic, coupled with the management data structure, to compare routing information in a received platform management (PM) datagram with the content in the management data structure to identify one or more platform management target element(s) for the received datagram; and

a plurality of records, one or more for at least a subset of PM elements coupled with the apparatus, each of the plurality of records including one or more of an address domain field, a physical address field, a physical interconnect, a virtual address field and/or a routing restriction field;

wherein the control logic identifies a target element(s) by matching the routing information of the datagram to an address domain and/or a physical address within the management data structure.”

Claim 26, line 2, “plurality of communication channels” is amended to “plurality of channels”.

REASONS FOR ALLOWANCE

3. The following is an examiner’s statement of reasons for allowance: the prior art made of record does not teach or fairly suggests in combination wherein the source address is a physical address privately correlated with a virtual address of a control element sending the received datagram.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Alexander (US 6,553,029 B1) discloses a data packet containing source and destination addresses are received on one or more incoming ports for distribution on one or more outgoing ports. An address look-up table stores previously processed source and destination addresses together with source and destination contexts associated with the respective source and destination addresses. The contexts represent either a specific physical port, or an aggregated grouping of ports...If the retrieved destination address context represents a specific outgoing port, then the received packet is queued for outgoing transmission on that port.

Bernstein et al (US 6,157,644) discloses a method and apparatus includes a forwarding table for associatively storing a destination address and a next hop address. If a destination address of a packet matches a destination address in the forwarding table, then logic forwards the packet to a next hop.

Conclusion

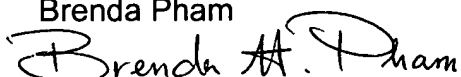
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brenda Pham whose telephone number is (571) 272-3135. The examiner can normally be reached on Monday-Friday from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wellington Chin, can be reached on (571) 272-3134.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 27202600

January 17, 2006

Brenda Pham

A handwritten signature in black ink that reads "Brenda A. Pham". The signature is written in a cursive style with a large, stylized "B" and "P".